

CONS:

Nuclear Energy

• Uncontrolled fission reaction is the same as an atomic bomb explosion.

• Construction and operation cost of nuclear plants have been much higher and construction much lengthier, than projected, even with massive government and consumer subsidies

• Conventional nuclear power plants can be used only to produce electricity (as opposed to fuel)

• There is always a risk of large scale accidents from nuclear plants (although extremely unlikely, some have already occurred as a result of mechanical and human errors)

• The net yield of useful energy from nuclear power is low

• Difficulty of finding a safe place to store nuclear waste

• Uranium mining and fuel development produce radio-active waste

Pros:

- Unlike coal-fired plants, nuclear reactors don't release air pollutants such as carbon dioxide, particulate matter and sulfur and nitrogen oxides.
- With current rates of use, it is unlikely that the supply of uranium would run out in the foreseeable future.
- Water pollution and disruption of land are low to moderate if the entire nuclear fuel cycle operates normally.
- A very concentrated energy source
- Nuclear plants do not produce air-polluting gases
- When operated properly, they release less radio activity than coal fired plants do.
- Many countries with limited fossil fuels reserves rely heavily on nuclear plants to supply electricity

Cons:

- release pollutants
- Pollute air
- health problems
- oil spills
- release carbon dioxide
- cause global climate
- threaten wild life
- Acid rain
- cost is high

Petroleum

POs

- Fun to Burn

- Moves America


- Transportable

- Natural



CONS: Natural

Gas

- Air Pollution (carbon monoxide)
 - Short-term Resource
 - Fracking
 - Difficult to acquire
 - Stinky
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Pros: Natural Gas

Cheap

Burns Cleanest

Produced Domestically

Propane is a bi-product

Versatile

Cons

Coal

- Dangerous
- toxic chemicals
- Smoke from coal bad for environment
- Dirty, Hazardous, and environmentally harmful.
- Acid Rain
- damage to trees and crops

Pros

Coal

- world's most abundant fossil fuel.
- great for money
- Heating, electricity, and cheap.
- little refining
- good mining